

Current vs. Mean Position of the Africa ITF Jun 2010 : Dekad 2

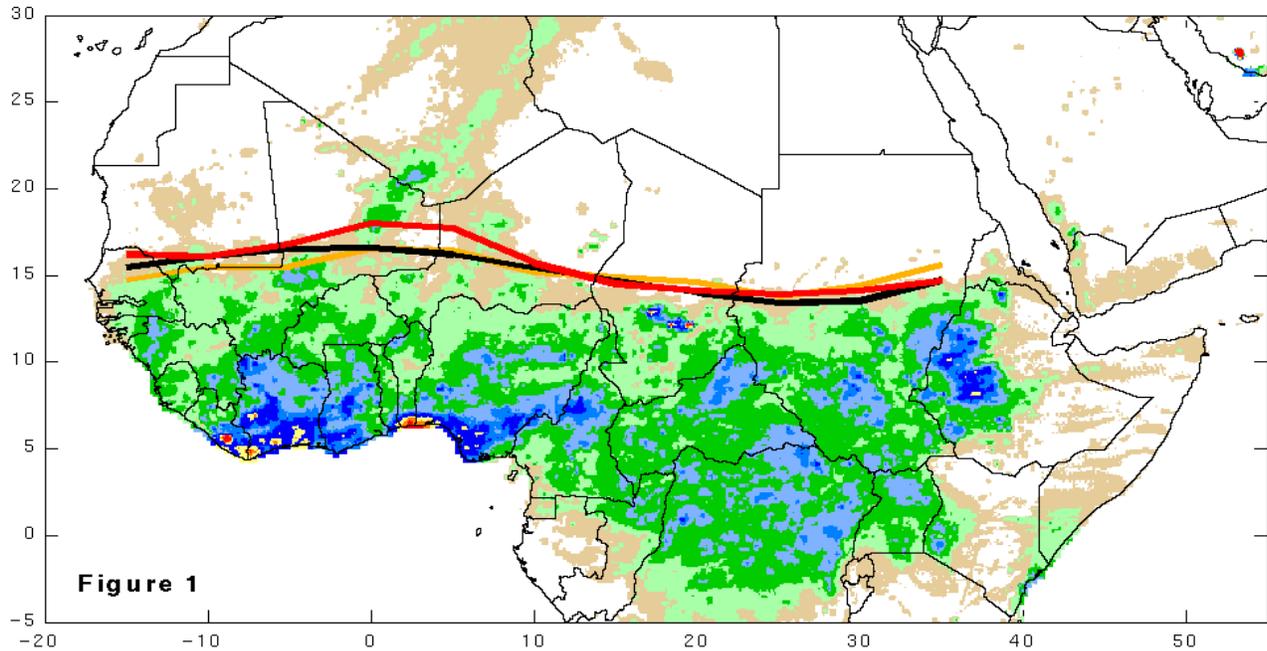
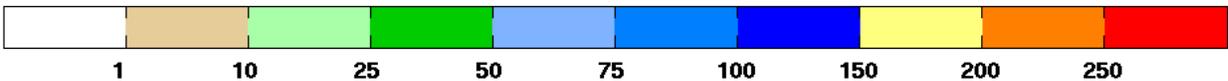


Figure 1

CPC RFE Accumulated Dekadal Precipitation (mm):



- Previous 10-Day Mean Position
- Normal 10-Day Mean Position
- Current 10-Day Mean position

Mean West Portion of ITF: Averaged 10°W to 10°E
As of Jun 2010 : Dekad 2

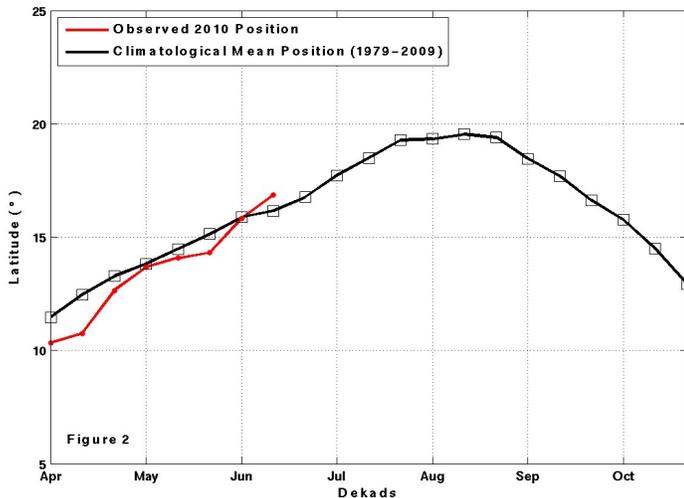


Figure 2

Mean East Portion of ITF: Averaged 20°E to 35°E
As of Jun 2010 : Dekad 2

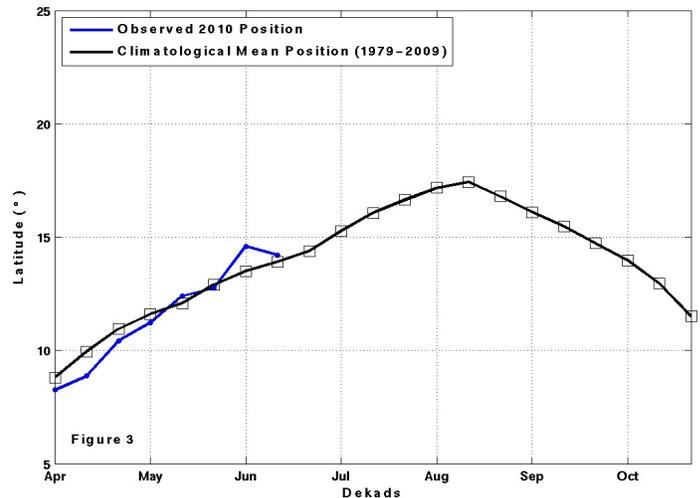


Figure 3

During the period from Jun 11-20, 2010, there were some noticeable changes in the ITF relative to the previous dekade. The mean western portion of the ITF was approximated at 16.9N, and has exceeded the climatological mean position of 16.2 N during mid-June. The advancement of the western portion of the ITF was attributed to enhanced southerly winds along the Prime Meridian that produced anomalous amounts of moisture and rainfall across Mali and Niger, extending as far north as southern Algeria during the last week. Meanwhile, the eastern portion of the ITF experienced a slight withdraw compared to its previous dekade position in early June. The eastern portion of the ITF was approximated 14.2N, but still remains above the climatological mean for mid-June. Figure 1 reflects the current ITF position relative to the positions of climatology and the previous dekade. Figures 2 and 3 are time series of latitudinal positions of the western and eastern portions of the ITF, respectively.